

L Number	Hits	Search Text	DB	Time stamp
-	79558	vapor adj deposition	USPAT; EPO; JPO	2002/04/17 12:26
-	374	((118/723i).CCLS.	USPAT; EPO; JPO	2002/04/17 14:54
-	115	((118/723an).CCLS.	USPAT; EPO; JPO	2002/04/18 11:03
-	1	"5525159".PN.	USPAT	2002/04/17 12:23
-	0	6357385.URPN.	USPAT	2002/04/17 12:24
-	27076	((vapor adj deposition) and plasma	USPAT; EPO; JPO	2002/04/17 12:26
-	2820	((vapor adj deposition) and plasma) and (antenna coil)	USPAT; EPO; JPO	2002/04/17 12:32
-	343	((vapor adj deposition) and plasma) and (antenna coil)) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring))	USPAT; EPO; JPO	2002/04/17 12:35
-	794	((vapor adj deposition) and plasma) and ((antenna coil) near5 (chamber vessel reactor housing))	USPAT; EPO; JPO	2002/04/17 12:34
-	137	((vapor adj deposition) and plasma) and ((antenna coil) near5 (chamber vessel reactor housing))) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring))	USPAT; EPO; JPO	2002/04/17 15:33
-	291	((118/723mw).CCLS.	USPAT; EPO; JPO	2002/04/17 14:41
-	0	((118/723mw and (antenna coil)).CCLS.	USPAT; EPO; JPO	2002/04/17 14:41
-	123	((118/723mw).CCLS.) and (antenna coil)	USPAT; EPO; JPO	2002/04/17 14:42
-	374	118/723i.ccls.	USPAT; EPO; JPO	2002/04/17 14:55
-	105	118/723i.ccls. and microwav\$2	USPAT; EPO; JPO	2002/04/17 14:55
-	263	118/723i.ccls. and ((antenna coil) near5 (chamber reactor vessel housing))	USPAT; EPO; JPO	2002/04/17 15:06
-	111	118/723i.ccls. not (118/723i.ccls. and ((antenna coil) near5 (chamber reactor vessel housing)))	USPAT; EPO; JPO	2002/04/17 15:13
-	3282	156/345.ccls. and plasma	USPAT; EPO; JPO	2002/04/17 15:14
-	119	((156/345.ccls. and plasma) and (((antenna coil) near5 (chamber vessel reactor housing)) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))	USPAT; EPO; JPO	2002/04/17 15:23
-	210	((156/345.ccls. and plasma) and (((antenna coil)) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))	USPAT; EPO; JPO	2002/04/17 15:25
-	91	((156/345.ccls. and plasma) and (((antenna coil)) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring))) not ((156/345.ccls. and plasma) and (((antenna coil) near5 (chamber vessel reactor housing)) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))	USPAT; EPO; JPO	2002/04/17 15:25
-	2	"5356476" "5532190").PN.	USPAT	2002/04/17 15:31
-	0	6189485.URPN.	USPAT	2002/04/17 15:32
-	0	6189485.URPN.	USPAT	2002/04/17 15:32
-	343	((vapor adj deposition) and plasma) and (antenna coil) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))	USPAT; EPO; JPO	2002/04/17 15:37

-	206	((((vapor adj deposition) and plasma) and (antenna coil) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))) not (((vapor adj deposition) and plasma) and ((antenna coil) near5 (chamber vessel reactor housing))) and ((shower adj head) (shower adj plate) (gas adj distribution) (gas adj ring)))	USPAT; EPO; JPO	2002/04/17 15:37
-	5	((("6013155") or ("5891252") or ("5698036") or ("6357385"))).PN.	USPAT; EPO; JPO	2002/04/18 11:19
-	4	((("6013155") or ("5891252") or ("5698036") or ("6357385"))).PN.) and (distance\$2 space\$2 "mm")	USPAT; EPO; JPO	2002/04/18 11:54
-	1	6357385.pn.	USPAT; EPO; JPO	2002/04/18 11:54
-	1	"5525159".PN.	USPAT	2002/04/18 11:54
-	1	"5525159".PN.	USPAT	2002/04/18 11:54
-	854	156/345.41.ccls. 156/345.48.ccls. 118/723an.ccls. 118/723i.ccls. 118/723mw.ccls.	USPAT; EPO; JPO	2002/09/04 15:57
-	54	(156/345.41.ccls. 156/345.48.ccls. 118/723an.ccls. 118/723i.ccls. 118/723mw.ccls.) not @pd<=20020417	USPAT; EPO; JPO	2003/03/19 15:01
-	370558	h011021/\$.ipc. c23c016/\$.ipc.	USPAT; EPO; JPO	2002/09/04 16:06
-	763934	h011021/\$.ipc. c23c016/\$.ipc.	USPAT; EPO; JPO; DERWENT	2002/09/04 16:06
-	6325	shower adj (plate head)	USPAT; EPO; JPO; DERWENT	2002/09/04 16:16
-	68	(shower adj (plate head)) and lattice	USPAT; EPO; JPO; DERWENT	2002/09/04 16:15
-	8	(shower adj (plate head)) with lattice	USPAT; EPO; JPO; DERWENT	2002/09/04 16:25
-	47	((shower distribution baffle gas) adj (plate head ring)) with lattice	USPAT; EPO; JPO; DERWENT	2002/09/04 16:36
-	39	((shower distribution baffle gas) adj (plate head ring)) with lattice) not ((shower adj (plate head)) with lattice)	USPAT; EPO; JPO; DERWENT	2002/09/04 16:27
-	1374	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)	USPAT; EPO; JPO; DERWENT	2002/09/04 17:13
-	2	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) with lattice	USPAT; EPO; JPO; DERWENT	2002/09/04 16:41
-	18	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) and (156/345.41.ccls. 156/345.48.ccls. 118/723an.ccls. 118/723i.ccls. 118/723mw.ccls.)	USPAT; EPO; JPO; DERWENT	2002/09/04 16:42
-	55	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) and (h011021/\$.ipc. c23c016/\$.ipc.)	USPAT; EPO; JPO; DERWENT	2002/09/04 16:51
-	43	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) and (h011021/\$.ipc. c23c016/\$.ipc.) not (((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) and (156/345.41.ccls. 156/345.48.ccls. 118/723an.ccls. 118/723i.ccls. 118/723mw.ccls.)	USPAT; EPO; JPO; DERWENT	2002/10/31 08:53
-	42	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2) and (156/345\$.ccls. 118/715.ccls. 118/723\$.ccls.)	USPAT; EPO; JPO; DERWENT	2002/09/04 17:15

-	11	((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2) and (156/345\$.ccls. 118/715.ccls. 118/723\$.ccls.)) not (((shower distribution baffle gas) adj (plate head ring)) with (oblique\$2 acute\$2 angle\$2)) and (h011021/\$.ipc. c23c016/\$.ipc.))	USPAT; EPO; JPO; DERWENT	2002/09/04 17:15
-	34525	(inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2)	USPAT; EPO; JPO	2002/10/31 08:55
-	771862	h011021/\$.ipc. c23c016/\$.ipc.	USPAT; EPO; JPO; DERWENT	2002/10/31 08:54
-	941	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2)) and (h011021/\$.ipc. c23c016/\$.ipc.)	USPAT; EPO; JPO; DERWENT	2002/10/31 08:54
-	39	(inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with lattice\$2	USPAT; EPO; JPO	2002/10/31 09:19
-	1699	(inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with pipe\$2	USPAT; EPO; JPO	2002/10/31 09:09
-	38	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with pipe\$2) and (h011021/\$.ipc. c23c016/\$.ipc.)	USPAT; EPO; JPO	2002/10/31 10:33
-	38	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with pipe\$2) and (h011021/\$.ipc. c23c016/\$.ipc.)) not ((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with lattice\$2)	USPAT; EPO; JPO	2002/10/31 10:32
-	30	(inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with shower\$2	USPAT; EPO; JPO	2002/10/31 09:20
-	17858	kyocera\$.as.	USPAT; EPO; JPO	2002/10/31 09:50
-	106	kyocera\$.as. and (lattice\$)	USPAT; EPO; JPO	2002/10/31 09:51
-	4	kyocera\$.as. and (lattice\$ with (plate\$2 shower\$2))	USPAT; EPO; JPO	2002/10/31 09:56
-	4	kyocera\$.as. and (lattice\$ with (plasma))	USPAT; EPO; JPO	2002/10/31 09:56
-	1	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (hole\$2) with pipe\$2) and (118/723\$.ccls.)	USPAT; EPO; JPO	2002/10/31 14:16
-	3	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (hole\$2) with pipe\$2) and (156/345\$.ccls.)	USPAT; EPO; JPO	2002/10/31 10:35
-	3	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (hole\$2) with pipe\$2) and (438/\$.ccls.)	USPAT; EPO; JPO	2002/10/31 10:35
-	5	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with pipe\$2) and (438/\$.ccls.)	USPAT; EPO; JPO	2002/10/31 10:37
-	16	((inclin\$3 oblique\$2 acute\$2 obtuse\$2) with (gas\$2 hole\$2) with pipe\$2) and (156/\$.ccls.)	USPAT; EPO; JPO	2002/10/31 10:37
-	261	lattice near5 pipe\$2	USPAT; EPO; JPO	2002/10/31 12:25
-	107	lattice near2 pipe\$2	USPAT; EPO; JPO	2002/10/31 13:03
-	154	(lattice near5 pipe\$2) not (lattice near2 pipe\$2)	USPAT; EPO; JPO	2002/10/31 12:38
-	12	((lattice near5 pipe\$2) not (lattice near2 pipe\$2)) and (plasma semiconductor\$)	USPAT; EPO; JPO	2002/10/31 12:38
-	3	lattice\$ with pipe\$2 same microwave\$2	USPAT; EPO; JPO	2002/10/31 13:44
-	205	hassanzadeh\$.xa.	USPAT; EPO; JPO	2002/10/31 16:17
-	1097	ohmi\$.in.	USPAT; EPO; JPO	2002/10/31 13:55
-	8890	hirayama\$.in.	USPAT; EPO; JPO	2002/10/31 13:55
-	515	ohmi\$.in. and (plasma semiconductor\$)	USPAT; EPO; JPO	2002/10/31 13:56
-	315	(ohmi\$.in. and (plasma semiconductor\$)) and (shower\$ gas\$2 plate\$2)	USPAT; EPO; JPO	2002/10/31 13:58

-	38	ohmi\$.in. and lattice\$	USPAT; EPO; JPO	2002/10/31 14:02
-	1	1115147.URPN.	USPAT	2002/10/31 14:02
-	69	hirayama\$.in. and lattice\$	USPAT; EPO; JPO	2002/10/31 14:03
-	68	(hirayama\$.in. and lattice\$) not	USPAT;	2002/10/31 14:11
-	0	(ohmi\$.in. and lattice\$)	EPO; JPO	
-	0	("6474257").PN.	USPAT;	2002/10/31 14:13
-	0	6474257.pn.	EPO; JPO	
-	459	lattice near (plate\$2)	USPAT;	2002/10/31 14:12
-	0	(lattice near (plate\$2)) and 118/715.ccls.	EPO; JPO; DERWENT	2002/10/31 14:14
-	2	((inclin\$3 oblique\$2 acute\$2 obtuse\$2)	USPAT;	2002/10/31 14:15
-	99	with (hole\$2) with pipe\$2) and	EPO; JPO	
-	1	(118/715\$.ccls.)	USPAT;	2002/10/31 14:18
-	3	lattice and (118/715\$.ccls.)	EPO; JPO	
-	1	("6286454").PN.	USPAT;	2002/10/31 14:18
-	3	("5003152" "5487875" "5741364").PN.	EPO; JPO	2002/10/31 16:31
-	932	(118/723i; 118/723an; 118/723mw;	USPAT	2002/10/31 16:17
-	63	156/345.41; 156/345.48).CCLS.	USPAT;	2003/03/19 13:57
-	105	((118/723i; 118/723an; 118/723mw;	EPO; JPO	
-	111	156/345.41; 156/345.48).CCLS.) not	USPAT;	2003/03/19 14:59
-	58	@pd<=20021001	EPO; JPO	
-	123	(156/345.33).CCLS.	USPAT;	2003/03/19 15:01
-	147	(156/345.34).CCLS.	EPO; JPO	
-	128	(156/345.36).CCLS.	USPAT;	2003/03/19 15:01
-	97	(156/345.43).CCLS.	EPO; JPO	
-	100	(156/345.47).CCLS.	USPAT;	2003/03/19 15:02
-	95	(156/345.29).CCLS.	EPO; JPO	
-	53	((156/345.33).CCLS.) not	USPAT;	2003/03/19 15:02
-	48	((156/345.29).CCLS.) not	EPO; JPO	
-	114	((156/345.34).CCLS.) not	USPAT;	2003/03/19 15:08
-	106	((156/345.34).CCLS.) not	EPO; JPO	
-	103	((156/345.33).CCLS.) not	USPAT;	2003/03/19 15:27
-	138	((156/345.33).CCLS.) not	EPO; JPO	
-	135	((156/345.36).CCLS.) not	USPAT;	2003/03/19 15:32
-	111	((156/345.34).CCLS.) not	EPO; JPO	
-		((156/345.34).CCLS.) not	USPAT;	2003/03/19 15:38
-		((156/345.34).CCLS.) not	EPO; JPO	
-		((156/345.36).CCLS.) not	USPAT;	2003/03/19 15:32
-		((156/345.36).CCLS.) not	EPO; JPO	
-		((156/345.43).CCLS.) not	USPAT;	2003/03/19 15:34
-		((156/345.43).CCLS.) not	EPO; JPO	
-		((156/345.47).CCLS.) not	USPAT;	2003/03/19 15:34
-		((156/345.47).CCLS.) not	EPO; JPO	
-		((156/345.43).CCLS.) not	USPAT;	2003/03/19 15:38
-		((156/345.43).CCLS.) not	EPO; JPO	
-		((156/345.36).CCLS.) not	USPAT;	2003/03/19 15:38
-		((156/345.36).CCLS.) not	EPO; JPO	
-		((156/345.34).CCLS.) not	USPAT;	2003/03/19 15:38
-		((156/345.34).CCLS.) not	EPO; JPO	

-	108	(((((156/345.47).CCLS.) not ((156/345.43).CCLS.)) not ((156/345.36).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.33).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:38
-	108	(((((156/345.47).CCLS.) not ((156/345.43).CCLS.)) not ((156/345.36).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.29).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:42
-	637	118/723r.ccls.	USPAT; EPO; JPO	2003/03/19 15:51
-	527	118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:43
-	514	(118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:43
-	503	((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:43
-	491	((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.34).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:43
-	489	((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.36).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:44
-	474	(((((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.36).CCLS.)) not ((156/345.43).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:44
-	466	(((((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.36).CCLS.)) not ((156/345.43).CCLS.)) not ((156/345.47).CCLS.))	USPAT; EPO; JPO	2003/03/19 15:44
-	208470	(gas\$2 with (pipe pipes piping tube tubes tubing))	USPAT; EPO; JPO	2003/03/19 15:52
-	144	(((((118/723r.ccls. not ((118/723i; 118/723an; 118/723mw; 156/345.41; 156/345.48).CCLS.)) not ((156/345.29).CCLS.)) not ((156/345.33).CCLS.)) not ((156/345.34).CCLS.)) not ((156/345.36).CCLS.)) not ((156/345.43).CCLS.)) not ((156/345.47).CCLS.)) and ((gas\$2 with (pipe pipes piping tube tubes tubing)))	USPAT; EPO; JPO	2003/03/19 15:46
-	8275	118/723\$.ccls. 156/345\$.ccls. 118/715.ccls.	USPAT; EPO; JPO	2003/03/19 15:52
-	179065	(gas\$2 with (pipe pipes piping tube tubes tubing))	JPO; DERWENT	2003/03/19 15:54
-	724020	h011021\$.ipc. c23c016\$.ipc.	JPO; DERWENT	2003/03/19 15:54

-	14529	((gas\$2 with (pipe pipes piping tube tubes tubing))) and (h011021\$.ipc. c23c016\$.ipc.)	JPO; DERWENT	2003/03/19 16:10
-	2780	((gas\$2 with (pipe pipes piping tube tubes tubing))) and (118/723\$.ccls. 156/345\$.ccls. 118/715.ccls.)	USPAT; EPO; JPO	2003/03/19 16:10
-	314	((gas\$2 with (pipe pipes piping tube tubes tubing))) and (118/723\$.ccls. 156/345\$.ccls. 118/715.ccls.) and shower\$	USPAT; EPO; JPO	2003/03/19 15:57
-	105	((gas\$2 with (pipe pipes piping tube tubes tubing))) and (118/723\$.ccls. 156/345\$.ccls. 118/715.ccls.) and lattice\$	USPAT; EPO; JPO	2003/03/19 15:57
-	102	((gas\$2 with (pipe pipes piping tube tubes tubing))) and (h011021\$.ipc. c23c016\$.ipc.) and (lattice\$ net honeycomb\$)	JPO; DERWENT	2003/03/19 16:52
-	679	ohmi-tadahiro\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:53
-	0	masaki-hirayama\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:53
-	153	ohmi-tadahiro\$.in. and plasma	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:54
-	42	ohmi-tadahiro\$.in. and microwave	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:54
-	27	ohmi-tadahiro\$.in. and antenna	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:54
-	29	ohmi-tadahiro\$.in. and shower	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:54
-	23	ohmi-tadahiro\$.in. and lattice\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:59
-	14532	"Tokyo Electron".as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:58
-	63	"Tokyo Electron".as. and lattice\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 17:16
-	149	118/723an.ccls.	USPAT; US-PGPUB	2003/03/19 17:16
-	724020	h011021\$.ipc. c23c016\$.ipc.	JPO; DERWENT	2003/03/20 12:13
-	9075	(h011021\$.ipc. c23c016\$.ipc.) and microwave\$2	JPO; DERWENT	2003/03/20 12:13
-	1307	((h011021\$.ipc. c23c016\$.ipc.) and microwave\$2) and (antenna\$2 coil\$2)	JPO; DERWENT	2003/03/20 12:14
-	206	((h011021\$.ipc. c23c016\$.ipc.) and microwave\$2) and (antenna\$2 coil\$2)) and (gas with (pip\$4 tub\$4))	JPO; DERWENT	2003/03/20 12:55
-	14522	(h011021\$.ipc. c23c016\$.ipc.) and (gas with (pip\$4 tub\$4))	JPO; DERWENT	2003/03/20 12:55
-	319	118/723mw.ccls.	USPAT; EPO; JPO	2003/03/20 12:55